EXTREME Industrial Lubricants

Super FG

SUPERIOR FOOD MACHINERY GREASE, NLGI GRADE 2

Fully synthetic grease, Kosher certified and NSF H1 registered for incidental food contact

Description

Super FG is a fully synthetic grease known for outstanding mechanical stability, a high drop point, and strong resistance to water and corrosion. It's a cutting-edge, high-performance grease. This technology outperforms other high-temperature greases such as lithium complex, aluminum complex, and polyurea greases.

Applications

Super FG grease is H1 certified, making it suitable for applications where incidental food contact may occur. For that reason, Super FG can be applied freely above or below the production line and around food. It can be used throughout food-processing areas and preparation zones, including baking and cooking, bottling, canning, and packaging of all kinds of foods.

Benefits

- ☐ Excellent thermal and mechanical stability, especially in the presence of heat and water
- ☐ Wide operating temperature range (-40°C to 320°C)
- ☐ High drop point (above 320°C)
- ☐ High load-carrying capacity (Timken OK Load ASTM D2509 36 kg (80 lbs))
- ☐ Excellent anti-wear and Extreme Pressure (EP) performance
- ☐ Resists drying out
- ☐ Strong resistance to washout in the presence of water
- ☐ Resistant to many acidic and alkaline solutions

The information above is true and accurate to the best of our knowledge. All recommendations and suggestions are provided without warranty, since the circumstances and conditions of use are beyond our control. Please contact our advisors, who can visit your facility to recommend the best lubrication option.

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Extreme Industrial Lubricants, Inc.
18565 Soledad Cyn, Ste. 102 Santa Clarita CA, 91351 USA
www.extremelubricants.com

Super FG Technical Data
Base Oil 100% Synthetic

PROPERTIES	TEST		RESULTS
Color	Visual		Cream
Consistency	ASTM D-217	60 strokes @25°C, mm/10	280
Mechanical Stability	ASTM D-217	% change, 10,000 strokes	1.0
Bearing Stability	ASTM D.1831	% change in P60, 50% H2O	0.3
Base Oil Viscosity	ASTM D-445	cSt@40°C	400
		cSt@100°C	37.5
Timken OK Load	ASTM D-2509	kg/lb	36/80
4-Ball EP Test	ASTM D-2596	Weld Point	500 kg
Load Wear Index	ASTM D-2596		62 kg
4-Ball Wear Test	ASTM D-2266	Scar Diameter, mm	0.45 mm
Drop Point	ASTM D-2265	°C (°F)	320 (608)
Rust Test	ASTM D-1743	Result	Pass
Copper Corrosion	ASTM D-130	Rating	1b
Salt Fog Spray	ASTM B-117	Hours	>1000
Washout Resistance	ASTM D-1264	@80°C, % loss	0.5%
Wheel Bearing	ASTM D-3527	Hours	260
Oxidation Test	ASTM D-942	Loss after 1,000 hours	5.0

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